

## ABSTRACT

Anti-human Mpl antibodies were isolated and purified, and then single-chain anti-human Mpl antibodies were prepared using genetic engineering techniques. The antibodies were found to exhibit a high agonistic activity. This shows that the activity of an antibody can be enhanced by making the antibody into a single-chain polypeptide that comprises two or more heavy chain variable regions and two or more light chain variable regions linked via linkers.